

GenCore version 4.5
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protein - protein search, using sw model

on: August 15, 2002, 16:15:10 ; Search time 39.61 seconds
(Without alignments)
718,400 Million cell updates/sec

US-08-779-457-2

Effect score: 6254
1 MICORFVCVLLHMEFYVIT.....OTCSTQTHKIMENKMDLTV 1165

ring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

atched: 231628 seqs, 24425594 residues

Number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0
Minimum DB seq length: 2000000000

st-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_AA.*
1: /cgn2_6/ptodata/2/1aa/5A.COMB.pep.*
2: /cgn2_6/ptodata/2/1aa/5B.COMB.pep.*
3: /cgn2_6/ptodata/2/1aa/5A.COMB.pep.*
4: /cgn2_6/ptodata/2/1aa/5B.COMB.pep.*
5: /cgn2_6/ptodata/2/1aa/PCNUS.COMB.pep.*
6: /cgn2_6/ptodata/2/1aa/backfile1.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

No.	Score	Query Match	Length	DB	ID	Description
1	6254	100.0	1165	2	US-08-599-455B-4	Sequence 4, Appl1
2	6254	100.0	1165	4	US-09-069-781B-4	Sequence 4, Appl1
3	6246	99.9	1165	4	US-09-093-814-T	Sequence 1, Appl1
4	6246	99.9	1165	4	US-08-618-957A-11	Sequence 11, Appl1
5	6172	98.7	1165	2	US-08-640-389A-11	Sequence 8, Appl1
6	4819.5	77.1	958	4	US-08-618-957A-8	Sequence 8, Appl1
7	4819.5	77.1	960	1	US-08-355-888A-8	Sequence 8, Appl1
8	4819.5	77.1	960	2	US-08-693-697-8	Sequence 8, Appl1
9	4819.5	77.1	960	2	US-08-640-389A-3	Sequence 8, Appl1
10	4819.5	77.1	960	3	US-08-693-686-8	Sequence 8, Appl1
11	4816	77.0	908	2	US-08-693-697-33	Sequence 33, Appl1
12	4814.5	77.0	960	2	US-08-588-190-3	Sequence 3, Appl1
13	4814.5	77.0	960	4	US-08-618-957A-3	Sequence 10, Appl1
14	4814	77.0	896	2	US-08-618-957A-10	Sequence 36, Appl1
15	4814	77.0	898	2	US-08-693-697-36	Sequence 36, Appl1
16	4814	77.0	906	4	US-08-618-957A-9	Sequence 9, Appl1
17	4799	76.7	908	2	US-08-588-526-3	Sequence 9, Appl1
18	4791.5	76.6	958	2	US-08-640-389A-8	Sequence 8, Appl1
19	4788	76.6	906	2	US-08-640-389A-9	Sequence 9, Appl1
20	4786	76.5	896	2	US-08-640-389A-10	Sequence 10, Appl1
21	4784.5	76.5	1162	4	US-08-803-346-1	Sequence 1, Appl1
22	4776.5	76.4	1162	4	US-08-827-962-15	Sequence 15, Appl1
23	4770.5	76.3	1162	2	US-08-599-455B-43	Sequence 43, Appl1
24	4770.5	76.3	1162	2	US-08-827-962-20	Sequence 20, Appl1
25	4770.5	76.3	1162	4	US-09-069-781B-43	Sequence 43, Appl1
26	3801	60.8	896	2	US-08-640-389A-12	Sequence 12, Appl1
27	3792	60.6	894	4	US-08-618-957A-12	Sequence 12, Appl1

28	3785	60.5	894	2	US-08-599-455B-2	Sequence 2, Appl1
29	3785	60.5	894	4	US-09-069-781B-2	Sequence 2, Appl1
30	3779	60.4	895	4	US-08-827-962-19	Sequence 19, Appl1
31	3753	60.0	895	4	US-08-827-962-21	Sequence 21, Appl1
32	3057	48.9	569	1	US-08-306-231-3	Sequence 3, Appl1
33	421	6.7	77	4	US-08-803-346-64	Sequence 64, Appl1
34	395	6.3	76	4	US-08-803-346-61	Sequence 61, Appl1
35	377	6.0	77	4	US-08-803-346-62	Sequence 62, Appl1
36	370	5.9	77	4	US-08-803-346-63	Sequence 63, Appl1
37	345.5	5.5	918	2	US-08-825-558-6	Sequence 6, Appl1
38	316	5.1	708	1	US-07-797-556-2	Sequence 2, Appl1
39	316	5.1	708	1	US-08-308-881-2	Sequence 2, Appl1
40	316	5.1	708	2	US-09-058-263-2	Sequence 2, Appl1
41	316	5.1	708	2	US-09-059-099-2	Sequence 2, Appl1
42	316	5.1	708	3	US-09-058-264-2	Sequence 2, Appl1
43	316	5.1	708	5	PCT-US95-06530-2	Sequence 2, Appl1
44	313	5.0	837	1	US-07-923-976-2	Sequence 2, Appl1
45	309.5	4.9	75	4	US-08-803-346-60	Sequence 60, Appl1

ALIGNMENTS

RESULT 1
US-08-599-455B-4
Sequence 4, Application US/08599455B
Patent No. 5972621
GENERAL INFORMATION:
APPLICANT: Tartaglia, Louis A.
APPLICANT: Pepper, Robert T.
TITLE OF INVENTION: METHODS OF IDENTIFYING COMPOUNDS THAT
TITLE OF INVENTION: MODULATE BODY WEIGHT USING THE OB RECEPTOR
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: US
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/599,455B
FILING DATE: 22-JAN-1996
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/583,153
FILING DATE: 28-DEC-1995
APPLICATION NUMBER: 08/570,142
FILING DATE: 11-DEC-1995
APPLICATION NUMBER: 08/569,485
FILING DATE: 08-DEC-1995
APPLICATION NUMBER: 08/566,622
FILING DATE: 04-DEC-1995
APPLICATION NUMBER: 08/562,663
FILING DATE: 27-NOV-1995
ATTORNEY/AGENT INFORMATION:
NAME: Melkior, Ph.D., Anita L.
REGISTRATION NUMBER: 35,283
REFERENCE/DOCKET NUMBER: 07334/017001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542-5070
TELEFAX: 617-542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 1165 amino acids
TYPE: amino acid
TOPOLOGY: unknown

MOLECULE TYPE: protein
FRAGMENT TYPE: internal
US-08-599-455B-4

Query Match 100.0%; Score 6254; DB 2; Length 1165;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1165; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MIOCKFVLLHFEFIVITAFNLSTPTPRKLSGMPNSTDYTLRAGLSKNTNS 60
DB 1 MIOCKFVLLHFEFIVITAFNLSTPTPRKLSGMPNSTDYTLRAGLSKNTNS 60
QY 61 NGHETAVEPEFNSGTHFSNLSTKTHCFRSDRNCSCADINIGKTFVSTNSLV 120
DB 61 NGHETAVEPEFNSGTHFSNLSTKTHCFRSDRNCSCADINIGKTFVSTNSLV 120
QY 121 QOIDANNIOGKGLKLFICYESLFRNNTKHLVLYLPEVLEDSPLVPKGS 180
DB 121 QOIDANNIOGKGLKLFICYESLFRNNTKHLVLYLPEVLEDSPLVPKGS 180
QY 181 FOMVHCNCSVECECLVPATLNTLMLCKITSGVYFOSPLMSVOPINNVKRPDP 240
DB 181 FOMVHCNCSVECECLVPATLNTLMLCKITSGVYFOSPLMSVOPINNVKRPDP 240
QY 241 LGLMEITDGNLKITSSPPLVFPLOQYKSENSTVIREADKIVSATSLVDSILP 300
DB 241 LGLMEITDGNLKITSSPPLVFPLOQYKSENSTVIREADKIVSATSLVDSILP 300
QY 301 GSSYEVQVGRKRLDGPVMSDSTPRVFTTODVLYFPFKILTSGVNSVPHCIYKKNKI 360
DB 301 GSSYEVQVGRKRLDGPVMSDSTPRVFTTODVLYFPFKILTSGVNSVPHCIYKKNKI 360
QY 361 VPSKEIYWMMLAKIKIQSOQYDVSDVSKYTFENLNETRGRGFTTDAYCCNEHCCH 420
DB 361 VPSKEIYWMMLAKIKIQSOQYDVSDVSKYTFENLNETRGRGFTTDAYCCNEHCCH 420
QY 421 RYAEIYDVNINISCEFDGYLTKMTCRMASTIOSLAESTLORYRSSLCYCSDIPSIH 480
DB 421 RYAEIYDVNINISCEFDGYLTKMTCRMASTIOSLAESTLORYRSSLCYCSDIPSIH 480
QY 481 PISEPKDCYLOSDGFYECIFQPIFLSGYTMIRINSLGSLDSPPTCVLPDSVYKPLP 540
DB 481 PISEPKDCYLOSDGFYECIFQPIFLSGYTMIRINSLGSLDSPPTCVLPDSVYKPLP 540
QY 541 SSVAEITINIGLKISWEKVPFENNLOFQIRGLSGKEVQMKREYDAKSKSVSLPV 600
DB 541 SSVAEITINIGLKISWEKVPFENNLOFQIRGLSGKEVQMKREYDAKSKSVSLPV 600
QY 601 PDLCAVYAVOYRCKRLDGLGYMNSMNPAYTVVMDIKVPMRGPFWRLINDTKKKEKNV 660
DB 601 PDLCAVYAVOYRCKRLDGLGYMNSMNPAYTVVMDIKVPMRGPFWRLINDTKKKEKNV 660
QY 661 TLKMLKANDNLSGVORYVYNHHTSCNGTSEDEVGMHTKFTPLMTEQAHVTVLAINSI 720
DB 661 TLKMLKANDNLSGVORYVYNHHTSCNGTSEDEVGMHTKFTPLMTEQAHVTVLAINSI 720
QY 721 GASVYANFULTSWPMKSNVYOSLSAYPLNSSCVIYVSLSPDYKLMYFLIEKNLNED 780
DB 721 GASVYANFULTSWPMKSNVYOSLSAYPLNSSCVIYVSLSPDYKLMYFLIEKNLNED 780
QY 781 GEIKMLRISSSVKYYIHDHPILEKYOFSLYPIFMEGVGKPKIINSPTODDIKHSDA 840
DB 781 GEIKMLRISSSVKYYIHDHPILEKYOFSLYPIFMEGVGKPKIINSPTODDIKHSDA 840
QY 841 GUYVIVPIIISSTILLGLTLLISHQPMKLFMEVDPNPKNCSTMAAGLNFQKPEFEFLFI 900
DB 841 GUYVIVPIIISSTILLGLTLLISHQPMKLFMEVDPNPKNCSTMAAGLNFQKPEFEFLFI 900
QY 901 KHTASVTCGPILLBETI SEDISVDTSMKNKDEMPTTVVSLSTDLKSGVCSISQFN 960
DB 901 KHTASVTCGPILLBETI SEDISVDTSMKNKDEMPTTVVSLSTDLKSGVCSISQFN 960

QY 961 SYNFSEASTETVEDESOQOPFYKATLISNKSPENGEBOGLINSSVTRCFSSKNSPL 1020
DB 961 SYNFSEASTETVEDESOQOPFYKATLISNKSPENGEBOGLINSSVTRCFSSKNSPL 1020
QY 1021 KDSFNSSSWEIQAQAFPLISDQHPNIIISPHLTFSEGLDELKLBGNFPEENNDKSIYLL 1080
DB 1021 KDSFNSSSWEIQAQAFPLISDQHPNIIISPHLTFSEGLDELKLBGNFPEENNDKSIYLL 1080
QY 1081 GVTSTIKKRESGLVLDKSNVSCPPAPCLFTDIRYLODSCSHFVENNINLGTSSKKEFPAS 1140
DB 1081 GVTSTIKKRESGLVLDKSNVSCPPAPCLFTDIRYLODSCSHFVENNINLGTSSKKEFPAS 1140
QY 1141 YMPFOFOTCSTQTHKIMENKMDLTV 1165
DB 1141 YMPFOFOTCSTQTHKIMENKMDLTV 1165

RESULT 2
US-09-781B-4
Sequence 4, Application US/09069781B
Patent No. 6287782
GENERAL INFORMATION:
APPLICANT: Tartaglia, Louis A.
APPLICANT: Tepper, Robert I.
APPLICANT: Culpeper, Janice A.
APPLICANT: White, David W.
TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: US
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/069,781B
FILING DATE: 29-APRIL-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/864,564
FILING DATE: 28-MAY-1997
APPLICATION NUMBER: US 08/708,123
FILING DATE: 03-SEP-1996
APPLICATION NUMBER: US 08/638,524
FILING DATE: 26-APR-1996
APPLICATION NUMBER: US 08/599,455
FILING DATE: 22-JAN-1996
APPLICATION NUMBER: US 08/583,153
FILING DATE: 28-DEC-1995
APPLICATION NUMBER: US 08/570,142
FILING DATE: 11-DEC-1995
APPLICATION NUMBER: US 08/569,485
FILING DATE: 08-DEC-1995
APPLICATION NUMBER: US 08/566,622
FILING DATE: 04-DEC-1995
APPLICATION NUMBER: US 08/562,663
FILING DATE: 27-NOV-1995
ATTORNEY/AGENT INFORMATION:
NAME: Meiklejohn, Ph.D., Anita L.
REGISTRATION NUMBER: 35,283
REFERENCE/DOCKET NUMBER: 07334/082001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
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TELEX: 200154
INFORMATION FOR SEQ ID NO: 4: